

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)	
)	
GILMER <i>et al.</i>)	Examiner: Wyrozebski Lee
)	
Serial No.: Unassigned)	Art Unit: 1714
)	
Filed: Herewith)	
)	
For: PROCESS FOR PREPARING AN EXFOLIATED)	
HIGH I.V. POLYMER NANOCOMPOSITE)	
WITH AN OLIGOMER RESIN PRECURSER)	
AND AN ARTICLE PRODUCED THEREFROM)	
)	

Information Disclosure Statement

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

September 29, 2003

Sir:

Pursuant to 37 C.F.R. § § 1.56, 1.97 and 1.98, Applicants disclose the following documents. Citation of these documents is not an admission that a search has been performed, nor is it an admission that the references represent prior art.

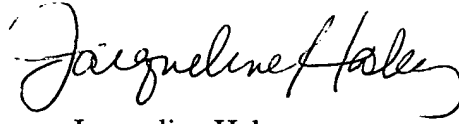
Applicants additionally disclose that the following co-pending U.S. applications may be material to the patentability of the above-identified application:

10/092,128	10/198,916	09/452,319
09/452,318	09/583,120	09/870,929

Applicants have not provided copies of the cited references since copies were provided in the parent application, U.S.S.N. 09/354,205 and related co-pending applications. If the Examiner would like Applicants to provide separate copies of the references, Applicants will happily provide them.

Consideration of the cited references is requested. No fee is believed to be due. If any fees are required, please charge Deposit Account No. 20-1507.

Respectfully submitted,

A handwritten signature in cursive script, reading "Jacqueline Haley". The signature is written in black ink and is positioned above the printed name and registration number.

Jacqueline Haley
Registration No. 41,457

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known	
				Application Number	Unassigned
				Filing Date	Herewith
				First Named Inventor	GILMER et al.
				Group Art Unit	1714
Sheet	1	of	10	Examiner Name	Wyrozewski Lee
				Attorney Docket Number	USC7CON3

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A01	6,447,860		Mueller et al.	09-10-2002	
	A02	6,417,262		Turner et al.	07-09-2002	
	A03	6,407,155		Quian et al.	06-18-2002	
	A04	6,403,231		Mueller et al.	06-11-2002	
	A05	6,391,449		Lan et al.	05-21-2002	
	A06	6,384,121		Barbee et al.	05-07-2002	
	A07	6,376,591		Lan et al.	04-23-2002	
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	A09	6,254,803		Matthews et al.	07-03-2001	
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	A11	6,156,835		Anderson et al.	12-05-2000	
	A12	6,162,857		Trexler et al.	12-19-2000	
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	A18	6,060,549		Li et al.	05-09-2000	
	A19	6,050,509		Clarey et al.	04-18-2000	
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A21	EP	0940430			09-08-1999		
	A22	WO	99/38915			08-05-1999		
	A23	WO	99/15432			04-01-1999		
	A24	WO	98/53000			11-26-1998		
	A25	WO	98/29499			07/09/1998		
	A26	JP	10168305			06-23-1998		
	A27	EP	0846723			06-10-1998		
	A28	JP	10133013			05-22-1998		
	A29	JP	10077427			03-24-1998		
	A30	EP	0822163		Serrano et al.	02-04-1998		
Examiner Signature						Date Considered		

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Sheet		2	of	10	Application Number Unassigned
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					Attorney Docket Number USC7CON3

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	B1	6,034,163		Barbee et al.	03-07-2000	
	B2	6,017,632		Pinnavaia et al.	01-25-2000	
	B3	5,993,769		Pinnavaia et al.	11-30-1999	
	B4	5,972,448		Frisk et al.	10-26-1999	
	B5	5,952,093		Nichols et al.	09-14-1999	
	B6	5,942,320		Miyake et al.	08-24-1999	
	B7	5,916,685		Frisk et al.	06-29-1999	
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	B10	5,849,830		Tipursky et al.	12-15-1998	
	B11	5,830,544		Kerscher et al.	11-03-1998	
	B12	5,807,630		Christie et al.	09-15-1998	
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	B18	5,648,159		Sato	07-15-1997	
	B19	5,620,774		Etchu et al.	04-15-1997	
	B20	5,612,138		Kurts et al.	03-18-1997	

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	B21	WO	98/01346			01-15-1998		
	B22	JP	10001608			01-06-1998		
	B23	WO	97/02323			01-23-1997		
	B24	WO	97/44384			11-27-1997		
	B25	WO	97/31973			09-04-1997		
	B26	WO	97/31057			08-28-1997		
	B27	WO	97/30950			08-28-1997		
	B28	JP	9217012			08-19-1997		
	B29	JP	9176461			07-08-1997		
	B30	EP	780340			06-25-1997		

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Sheet	3	of	10	Examiner Name	Wyrozewski Lee
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		Number	Kind Code ² (if known)			
	C01	5,578,672		Beall et al.	11-26-1996	
	C02	5,552,469		Beall et al.	09-03-1996	
	C03	5,530,052		Takekoshi et al.	06-25-1996	
	C04	5,523,045		Kudert et al.	06-04-1996	
	C05	5,514,734		Maxfield et al.	05-07-1996	
	C06	5,454,865		Ginn et al.	10-03-1995	
	C07	5,434,000		Konagaya et al.	07-18-1995	
	C08	5,429,999		Nae et al.	07-04-1995	
	C09	5,414,042		Yasue et al.	05-09-1995	
	C10	5,385,776		Maxfield et al.	01-31-1995	
	C11	5,382,650		Kasowski et al.	01-17-1995	
	C12	5,374,306		Schlegel et al.	12-20-1994	
	C13	5,371,051		Pope et al.	12-06-1994	
	C14	5,340,884		Mills et al.	08-23-1994	
	C15	5,336,647		Nae et al.	08-09-1994	
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	C17	5,314,987		Kim et al.	05-24-1994	
	C18	5,273,706		Laughner	12-28-1993	
	C19	5,248,720		Deguchi et al.	09-28-1993	
	C20	5,221,507		Beck et al.	06-22-1993	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	C21	WO	97/17398			05-15-1997		
	C22	EP	0761739			03-12-1997		
	C23	JP	09048908			02-18-1997		
	C24	EP	747451			12-11-1996		
	C25	EP	681990			11-15-1996		
	C26	WO	96/25458			08-22-1996		
	C27	WO	96/08526			03-21-1996		
	C28	EP	0691376			01-10-1996		
	C29	EP	0691212			01-10-1996		
	C30	WO	95/14733			06-01-1995		

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				First Named Inventor	
				GILMER et al.	
				Group Art Unit	
				1714	
(use as many sheets as necessary)				Examiner Name	
				Wyrozebski Lee	
Sheet 4 of 10				Attorney Docket Number	
				USC7CON3	

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
	D01	5,206,284		Fukui et al.	04-27-1993	
	D02	5,164,460		Yano et al.	11-17-1992	
	D03	5,153,061		Cavagna et al.	10-06-1992	
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	D05	5,149,485		Belcher	09-22-1992	
	D06	5,110,501		Knudson Jr. et al.	05-05-1992	
	D07	5,102,948		Deguchi et al.	04-07-1992	
	D08	5,091,462		Fukui et al.	02-25-1992	
	D09	5,037,285		Kudert et al.	08-06-1991	
	D10	5,034,252		Nilsson et al.	07-23-1991	
	D11	5,028,462		Matlack et al.	07-02-1991	
	D12	5,011,534		Berube	04-30-91	
	D13	4,994,313		Shimizu et al.	02-19-1991	
	D14	4,983,719		Fox et al.	01-08-1991	
	D15	4,983,432		Bissot	01-08-1991	
	D16	4,957,980		Kobayashi et al.	09-18-1990	
	D17	4,946,365		Kudert et al.	08-07-1990	
	D18	4,894,411		Okada et al.	01-16-1990	
	D19	4,889,885		Usuki et al.	12-26-1989	
	D20	4,810,734		Kawasumi et al.	03-07-1989	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	D21	EP	650994			05-03-1995		
	D22	WO	95/06090			03-02-1995		
	D23	JP	7026123			01-27-1995		
	D24	WO	94/29378			12-22-1994		
	D25	WO	94/11430			05-26-1994		
	D26	EP	0590263			04-06-1994		
	D27	WO	93/14922			08-05-1993		
	D28	WO	93/11190			06-10-1993		
	D29	EP	542266			05-19-1993		
	D30	WO	93/04125			03-04-1993		

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	E01	4,777,206		Rittler	10-11-1988	
	E02	4,769,078		Tso	09-06-1988	
	E03	4,742,098		Finlayson et al.	05-03-1988	
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	E14	4,536,425		Hekal	08-20-1985	
	E15	4,517,112		Mardis et al.	05-14-1985	
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	E17	4,472,538		Kamigaito et al.	09-18-1984	
	E18	4,450,095		Finlayson	05-22-1984	
	E19	4,442,163		Kuhner et al.	04-10-1984	
	E20	4,434,076		Mardis et al.	02-28-1984	

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	E21	WO	93/04117			03-04-1993		
	E22	EP	459472			12-04-1991		
	E23	EP	398551			11-22-1990		
	E24	EP	295336			12-21-1988		
	E25	DE	3808623			10-06-1988		
	E26	DE	3806548			09-15-1988		
	E27	EP	278403			08-17-1988		
	E28	EP	261430			03-30-1988		
	E29	JP	62073943			04-04-1987		
	E30	EP	0202532			11-26-1986		

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	F04	4,381,948		McConnell	05-03-1983	
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	F06	4,219,527		Edelman et al.	08-26-1980	
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Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	F21	EP	186456			07-02-1986		
	F22	WO	84/03096			08-16-1984		
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				Application Number	Unassigned
				Filing Date	Herewith
				First Named Inventor	GILMER et al.
				Group Art Unit	1714
Examiner Name	Wyrozewski Lee				
Attorney Docket Number	USC7CON3				
Sheet	7	of	10		

U.S. PATENT DOCUMENTS						
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
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	G23	EP	090787			04-21-1999		
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	G25	EP	0899301			03-03-1999		
	G26	WO	93/04118			03-04-1993		

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Sheet 9 of 10

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Group Art Unit	1714
Examiner Name	Wyrozebski Lee
Attorney Docket Number	USC7CON3

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or county where published.	T ²
	I1	LEBARON et al., "Polymer-Layered Silicate Nanocomposites: an Overview," <i>App. Clay Sci.</i> , 15, 11-29 (1999)	
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